



**WINNER  
1998  
TUBITAK-TTGV-TUSIAD  
TECHNOLOGY AWARD**

**Motor Quality Monitor, MQM**

Artesis, a subsidiary of Koc Holding, the largest conglomerate in Turkey, presents its award-winning\* product, Motor Quality Monitor (MQM), to be used by the electric motor manufacturer for fault detection and monitoring of the manufacturing process.

MQM's objective is to improve both top line revenue and bottom line savings for the manufacturer. Field results have proven that MQM reduces service rejects (by 66%), scrap and rework while increasing the quality. MQM can also be used to monitor and trend the manufacturing process for early detection of possible epidemics and also monitor the manufacturing process to achieve six sigma.

MQM uses a breakthrough technology to estimate the physical parameters of electrical motors from the current, voltage and the speed signals. For the purpose of fault detection, these parameters are compared with the average values obtained from a group of motors representing typical production. The patented core technology is a result of a decade-long research effort, and previously has been applied in the U.S. aerospace and defense industries.

MQM is an easy to install and easy to use solution for electric motor quality assurance. User interaction requirement is kept at the lowest possible level. Reporting and database features can be used to fulfill documentation requirements related to ISO 9000 standards.

For more information, please contact us @:

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motor  quality monitor

\*: Grand Technology Award, Turkey, 1998